

INDEX OF SHEETS		
SHEET NO. 1	TITLE PAGE	
" 2	TYPICAL CROSS-SECTION OF IMPROVEMENT	GRADING, DRAINAGE & BASE WITH
" 3	BANKING AND WIDENING TABLES (REVISED)	DOUBLE TACK COAT OF REFINED TAR 1/2IN 2/3
" 4-9	PLAN AND PROFILE SHEETS	
" 10	STANDARD STRUCTURE SHEET	5-26 PIPE CULVERTS
" 11	"	5-29 BOX "
" 12	"	5-30 GUARD RAIL & UNDERDRAIN
" 13	"	5-31 BOUNDARY MARKERS
" 14	"	5-35 CONCRETE CRIBBING
" 15	"	5-40 BARICADES SIGNS & LIGHTS
" 16	"	5-41 ROUNDING OF SLOPES
" 17-44	CROSS SECTIONS	

STANDARD STRUCTURE SHEETS APPROVED
By the Chief Engineer

5-26	JULY 15, 1933
5-29	JULY 14, 1933
5-30	AUGUST 13, 1933
5-31	JULY 25, 1934

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
9	VT.	164 B	1933	1	46

STATE OF VERMONT
STATE HIGHWAY DEPARTMENT

PLAN AND PROFILE OF PROPOSED
STATE HIGHWAY

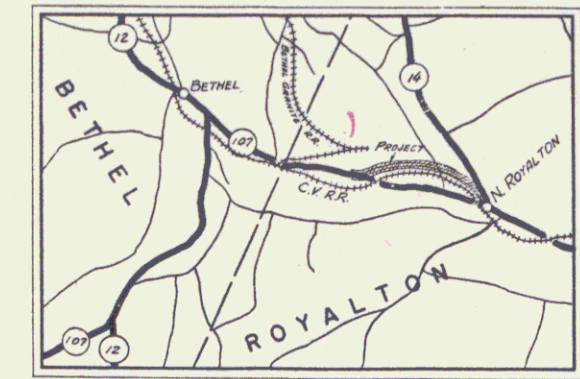
FEDERAL AID GRADE CROSSING PROJECT
RELOCATION

TOWN OF ROYALTON

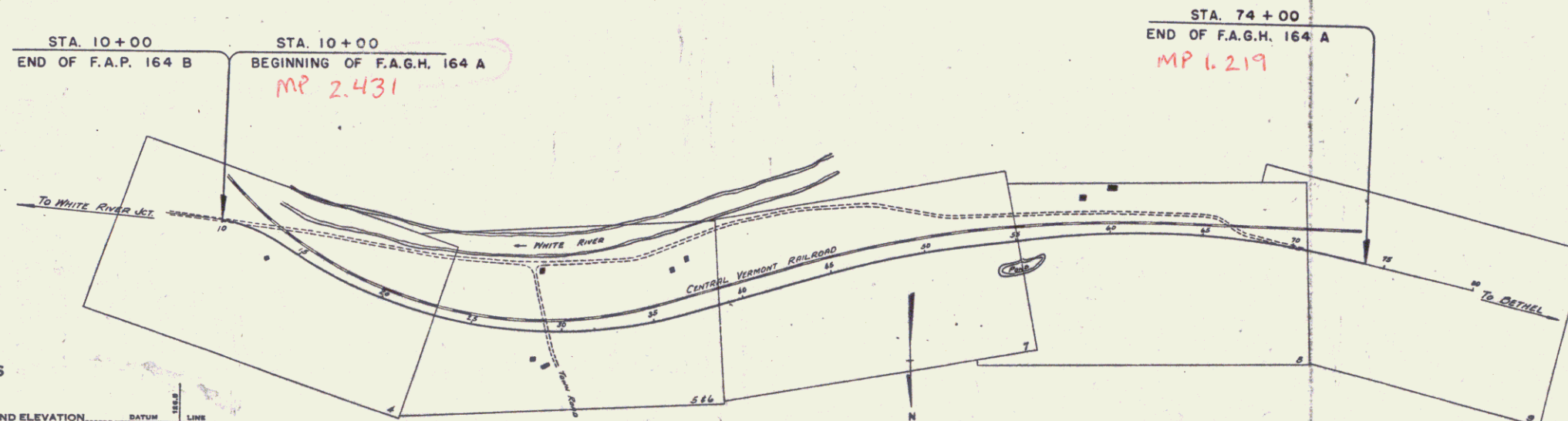
ROYALTON - BETHEL ROAD

FROM A POINT 550 FT. WEST OF THE
INTERSECTION OF ROUTES 14 AND 107
EXTENDING WESTERLY 1.209 MILES

LENGTH OF PROJECT 6385.3 FT. = 1.209 MI.



(To Be Returned To R.O.W. Division)
Form of V-107
PERMANENT
TOWN FILE
HIGHWAY-WAY DIVISION



CONVENTIONAL SIGNS

COUNTY LINE	-----
TOWN LINE	-----
FENCE LINE	-----
STONE WALL	-----
UNFENCED PROPERTY	-----
GUARD RAIL	-----
TRAVELED WAY	-----
RAILROAD	-----
RETAINING WALL	-----
CENTER LINE	-----
SURVEY LINE	-----
CULVERT	-----
DROP INLET	-----
TROLLEY POLE	-----
POWER POLE	-----
TELEPHONE POLE	-----
TREES	-----
HEDGE	-----

GROUND ELEVATION	BATHY	LINE
GRADE ELEVATION	BATHY	LINE

CURVE DATA	
DEFLECTION ANGLE	Δ
DEGREE OF CURVE	D
RADIUS OF CURVE	R
TANGENT DISTANCE	T
LENGTH OF CURVE	L
EXTERNAL DISTANCE	E
POINT OF INTERSECTION	P. I.
POINT OF CURVE	P. C.
POINT OF TANGENT	P. T.
POINT ON TANGENT	P. O. T.

TITLE	1" = 400'
TYPICAL	1" = 2'
PLAN	1" = 50'
PROFILE	(HOR) 1" = 50'
	(VERT) 1" = 10'
CROSS SECTIONS	1" = 5'

These plans are subject to such revisions as may be required by the Bureau of Public Roads or the Commissioner of Highways.
Construction is to be carried on in accordance with the plans and Standard Road and Bridge Specifications of 1936 as approved December 29, 1936 by the Bureau of Public Roads including all subsequent approved revisions and such revised specifications and special provisions as are submitted with the plans.

APPROVED: *Cal. E. 1937*
H. B. August
COMMISSIONER OF HIGHWAYS

SUBMITTED BY ORDER OF THE STATE HIGHWAY BOARD

Pin # 008018

Route VT107

Date 12/2/1937

RECOMMENDED _____
DISTRICT ENGINEER BUREAU OF PUBLIC ROADS

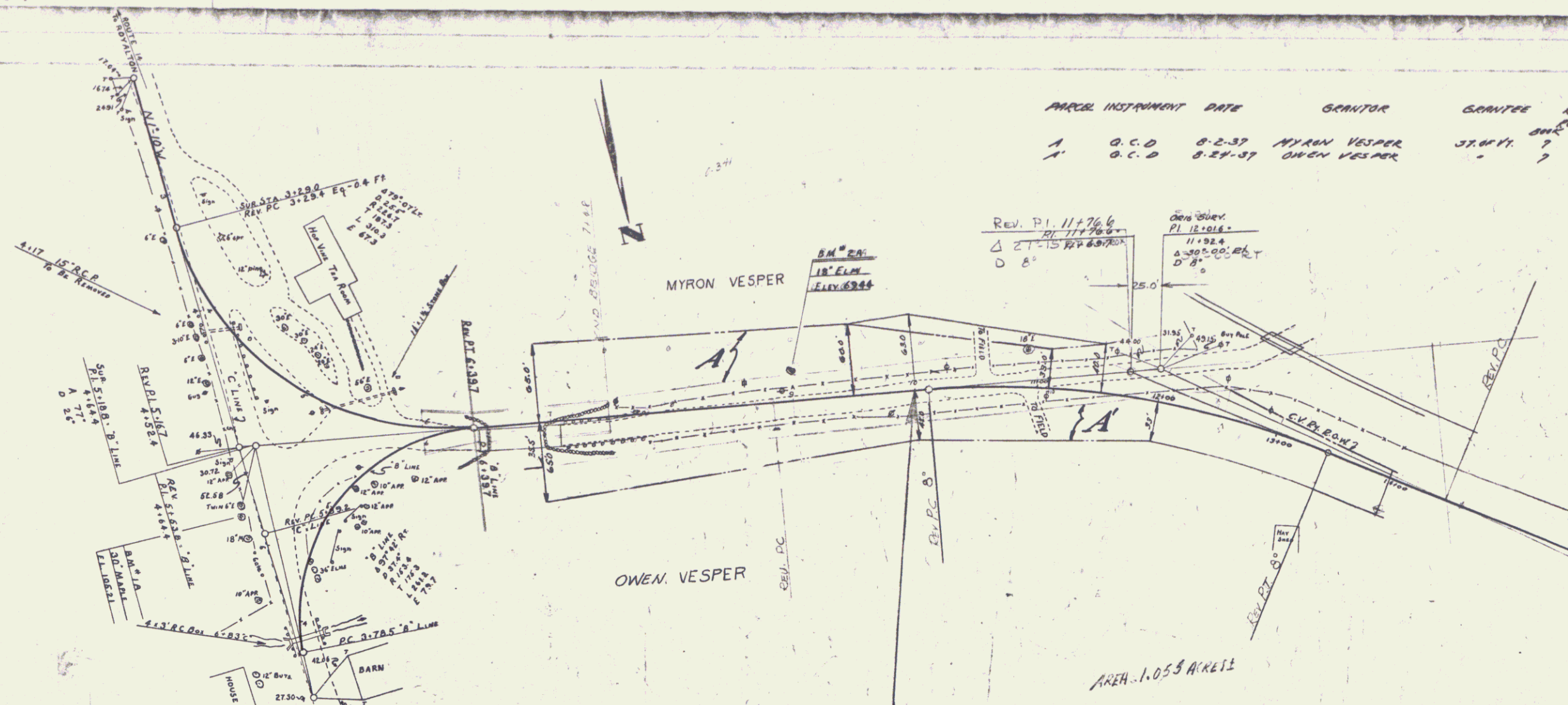
RECOMMENDED FOR APPROVAL _____
CHIEF ENGINEER BUREAU OF PUBLIC ROADS

APPROVED _____
DIRECTOR - BUREAU OF PUBLIC ROADS

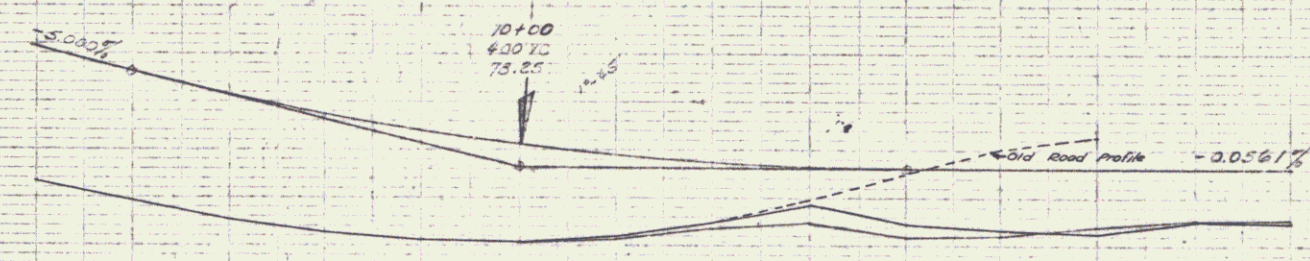
APPROVED: *11-29-37* Correct: *11-2-1937*
W. A. Harding DISTRICT ENGINEER *W. A. Harding* CHIEF ENGINEER
SERIES PROJ. NO. 164 B FILED
SHEET 1 OF 46

DIST #4 PLANS

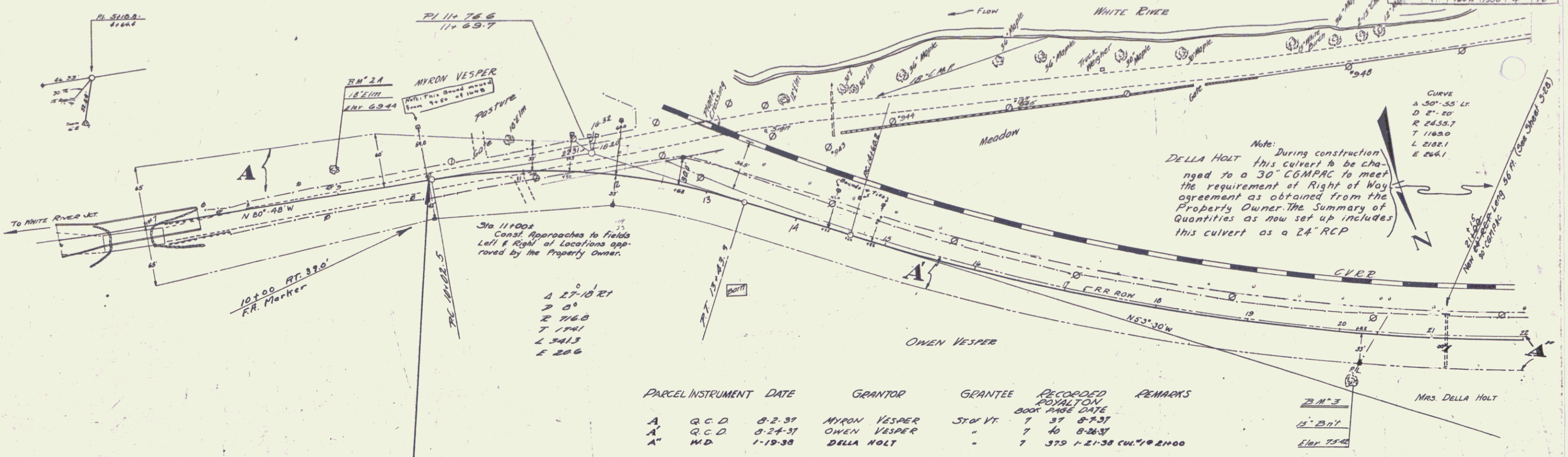
PARCEL	INSTRUMENT	DATE	GRANTOR	GRANTEE	RECORDED	REMARKS
A	O.C.D.	8-2-37	MYRON VESPER	37.64 AC.	7 37	8-2-37
A	O.C.D.	8-24-37	OWEN VESPER	7 48	7 48	8-26-37



10+00 END FAP 164-B
 10+00 BEGIN FAGH 164-A



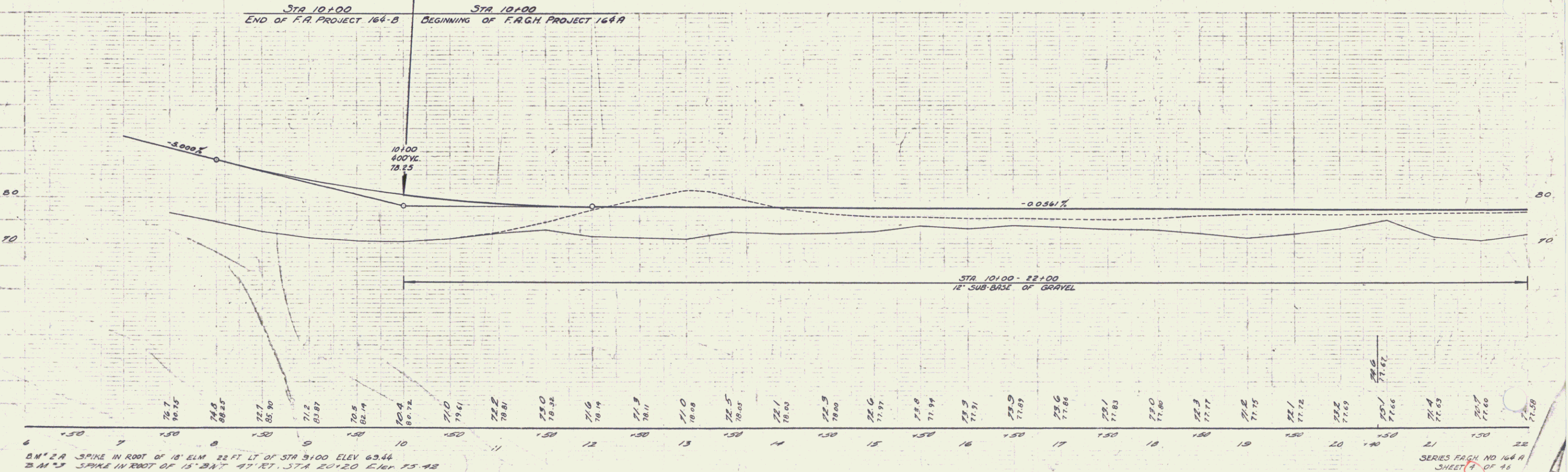
Station	Elevation
7+0	74.7
8+0	74.6
9+0	72.7
10+0	70.8
11+0	70.5
12+0	70.3
13+0	71.0
14+0	71.5
15+0	72.5
16+0	72.8



Note: During construction DELLA HOLT this culvert to be changed to a 30" CGMPAC to meet the requirement of Right of Way agreement as obtained from the Property Owner. The Summary of Quantities as now set up includes this culvert as a 24" RCP

PARCEL	INSTRUMENT	DATE	GRANTOR	GRANTEE	RECORDED	REMARKS
A	G.C.D.	8-2-37	MYRON VESPER	STOR. VT.	7 37 8-7-37	
A'	G.C.D.	8-24-37	OWEN VESPER		7 40 8-24-37	
A''	M.D.	1-19-38	DELLA HOLT		7 379 1-21-38 CUL. @ 21±00	

STA 10±00 END OF F.R. PROJECT 164-B
 STA 10±00 BEGINNING OF F.R.G.H. PROJECT 164-A

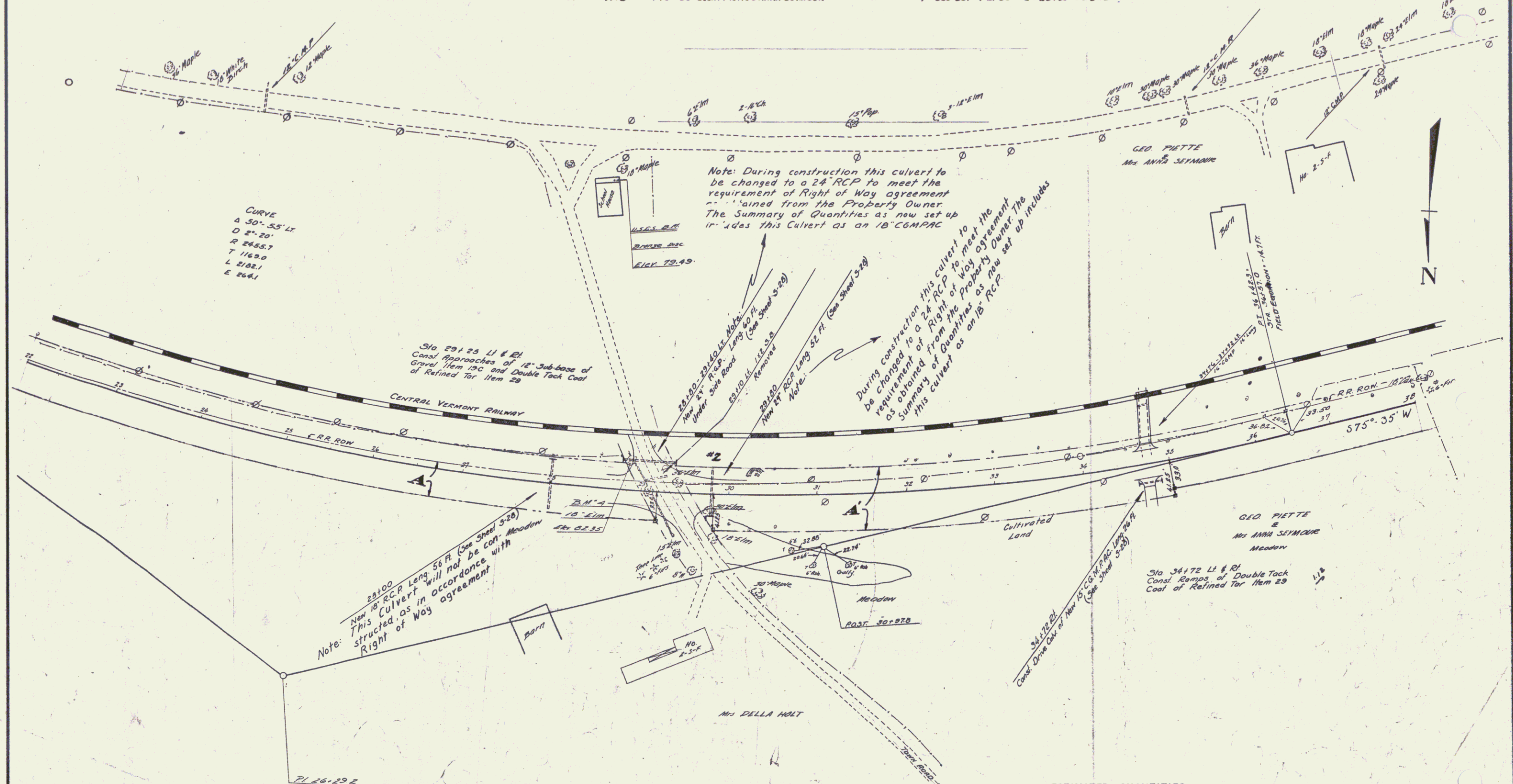


B.M. 2A SPIKE IN ROOT OF 18' ELM. 22 FT. LT. OF STA 3±00 ELEV. 63.44
 B.M. 3 SPIKE IN ROOT OF 15' BAY 47' RT. STA 20±20 ELEV. 75.42

SERIES F.R.G.H. NO. 164-B
 SHEET 4 OF 26

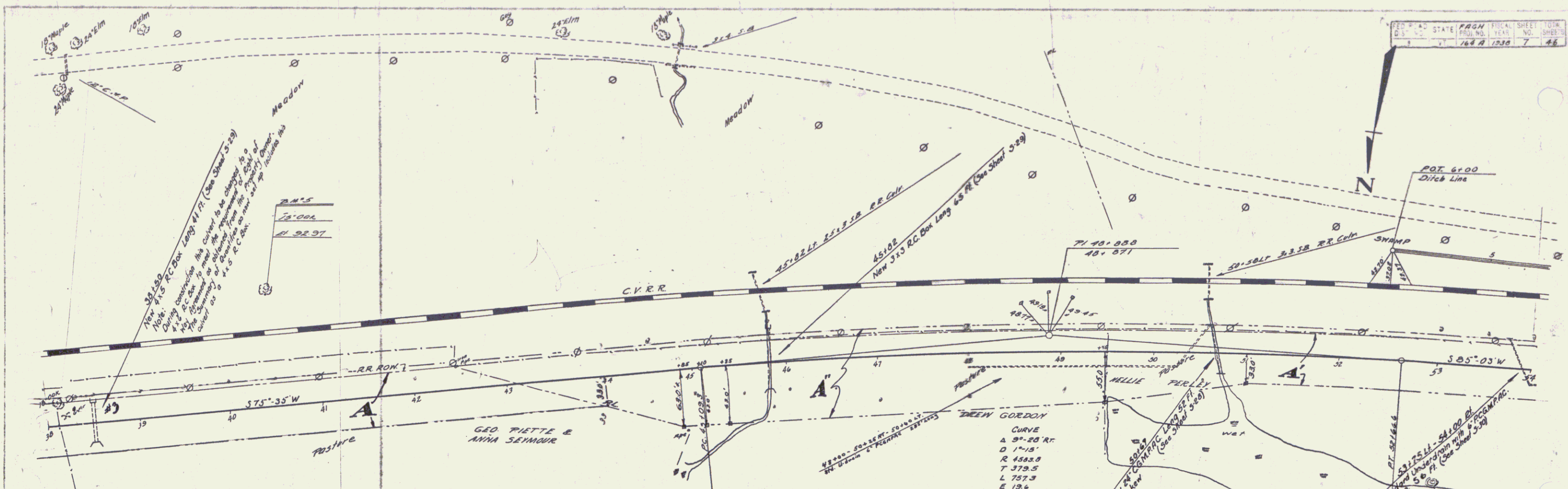
PARCEL	INSTRUMENT	DATE	GRANTOR	GRANTEE	RECORDED	REMARKS
A	W.D.	1-19-38	DELLA HOLT	STOFVT	800K	SAGE DATE JUL 37A
A'	W.D.	1-18-38	GEO. PIETTE & ANNA SETMOUR	"	7 375	1-21-38 58 21400
					7 380-391	1-21-38 20 25480 30 38450

DIST. NO.	STATE	F.A.G.M.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
1	VT	162A	1938	5	46

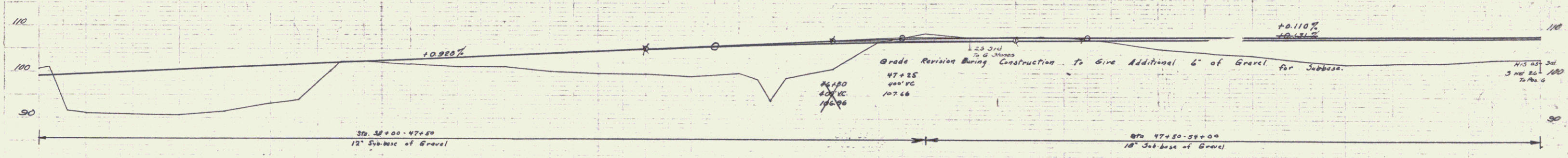


ESTIMATED QUANTITIES

Surveyed by
 Designed by
 Drawn by
 Traced by
 Checked by
 Series FAGM No. 162A Filed
 Sheet 5 of 46 Sheets



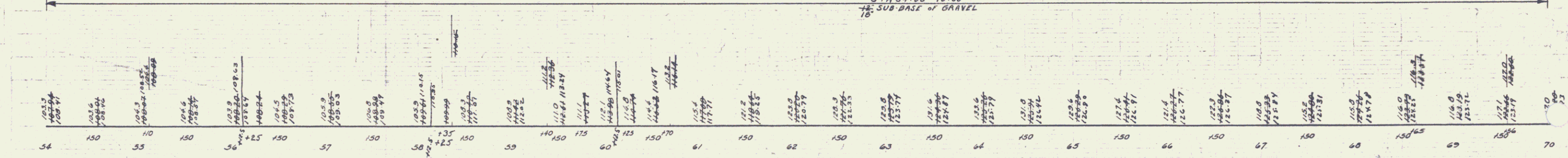
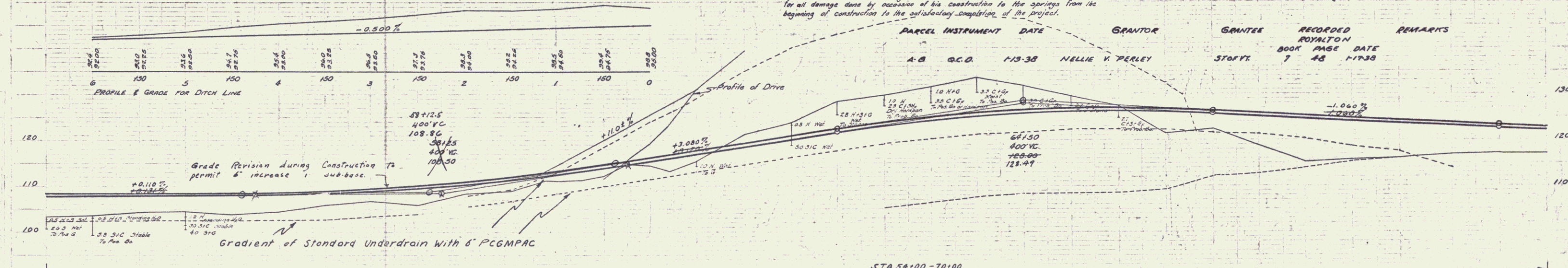
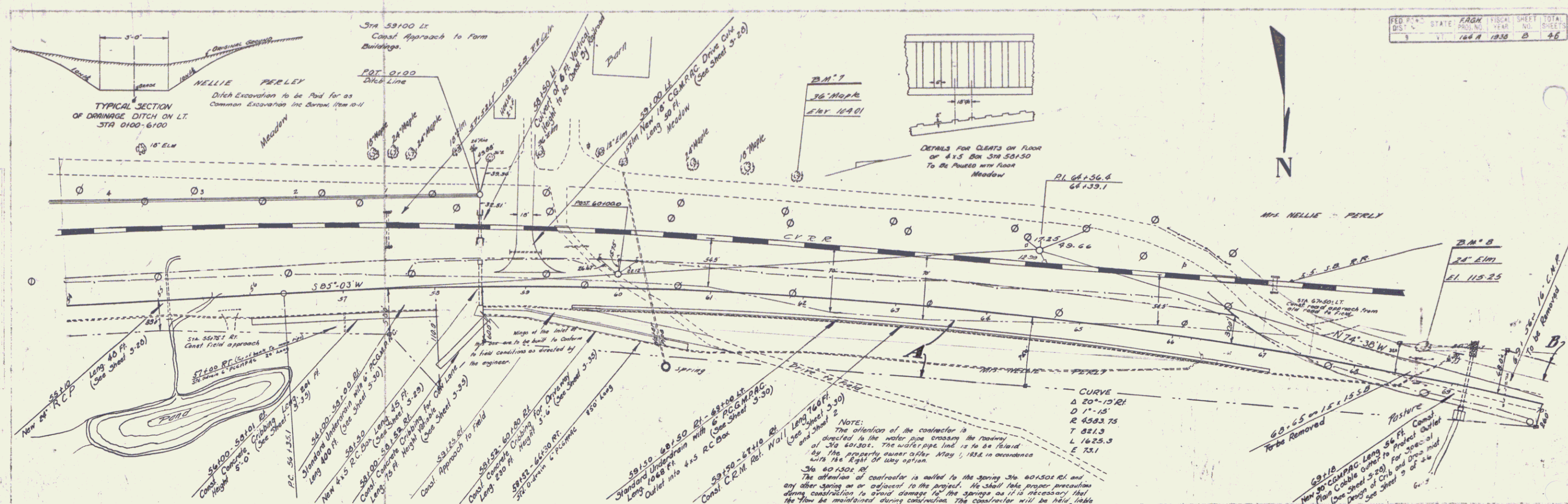
INSTRUMENT	DATE	GRANTOR	GRANTEE	RECORDED	REMARKS
A	W.D.	1-13-38 GEO. F. PIETTE & ANNA SEYMOUR	STOFFY	7 380-391	121-30 CUL. 38 30+50
A'	Q.C.D.	1-13-38 NELLIE K. PERLEY	"	7 48	1-17-38
A''	Q.C.D.	1-17-38 D.A. GORDON	"	7 400	7-21-38



STATION	ELEVATION	REMARKS
30	98.00	
31	98.70	
32	99.35	
33	99.00	
34	99.54	
35	99.07	
36	99.66	
37	99.54	
38	99.51	
39	99.51	
40	99.31	
41	99.90	
42	100.06	
43	102.01	
44	102.09	
45	102.2	
46	102.32	
47	101.6	
48	102.79	
49	103.85	
50	101.1	
51	103.72	
52	100.1	
53	109.48	
54	99.8	
55	108.84	
56	99.7	
57	100.11	
58	99.5	
59	102.37	
60	102.37	
61	102.37	
62	102.37	
63	102.37	
64	102.37	
65	102.37	
66	102.37	
67	102.37	
68	102.37	
69	102.37	
70	102.37	
71	102.37	
72	102.37	
73	102.37	
74	102.37	
75	102.37	
76	102.37	
77	102.37	
78	102.37	
79	102.37	
80	102.37	
81	102.37	
82	102.37	
83	102.37	
84	102.37	
85	102.37	
86	102.37	
87	102.37	
88	102.37	
89	102.37	
90	102.37	
91	102.37	
92	102.37	
93	102.37	
94	102.37	
95	102.37	
96	102.37	
97	102.37	
98	102.37	
99	102.37	
100	102.37	

B.M.'S SPIKE IN ROOT OF 15' OAK 123' LT STA 41+50 ELEV 92.97
 B.M.'S 34' MAPLE 125' RT STA 53+00 ELEV 121.60

SERIES PAGE NO 164 A
 SHEET 7 OF 46

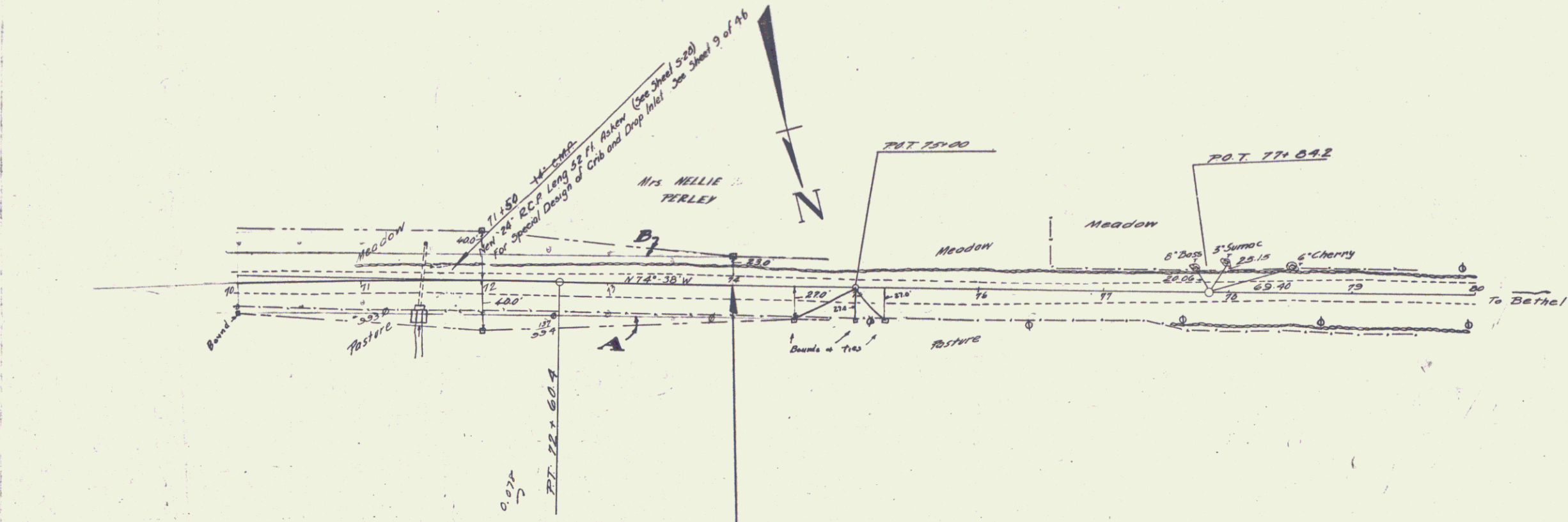


B.M. 7 SPIKE IN ROOT OF 36" MAPLE 135' LT STA 61+09 Elev 109.01
 B.M. 8 " 28" ELM 26' LT STA 68+03 Elev 118.25

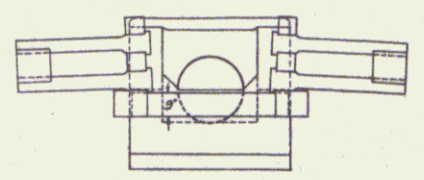
NOTE:
 The location of the contractor is directed to the water pipe crossing the roadway of 3rd St. The water pipe line is to be found by the property owner after May 1, 1958, in accordance with the Right of Way option.
 The attention of contractor is called to the spring Sta. 60+50Z RL and any other spring on or adjacent to the project. He shall take proper precautions during construction to avoid damage to the springs as it is necessary that the flow be maintained during construction. The contractor will be held liable for all damage done by negligence of his construction to the springs from the beginning of construction to the satisfactory completion of the project.

PARCEL	INSTRUMENT	DATE	GRANTOR	GRANTEE	RECORDED	REMARKS
A-B	C.C.O.	119-38	NELLIE V. PERLEY	STOFFY	7 28 1938	

G.H. Jones
 R.V. Barry

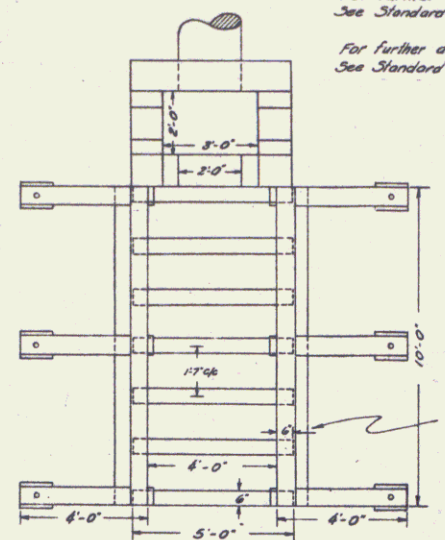


PARCEL INSTRUMENT	DATE	GRANTOR	GRANTEE	RECORDED	REMARKS
A-8	Q.C.D.	1-13-38	NELLIE V. TERLEY	ROYALTON	
			STOF VT.	BOOK PAGE DATE	
				7 23 1-17-38	



For further details of Cribbing
See Standard Structure Sheet 3-35

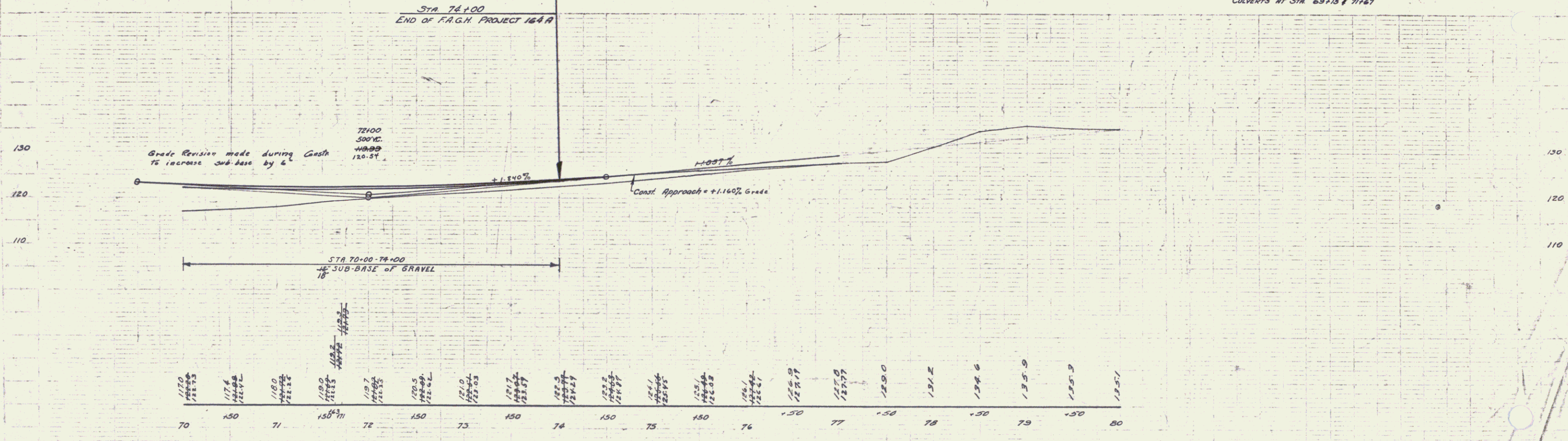
For further details of Drop Inlet
See Standard Structure Sheet 3-28



DETAIL OF CONCRETE CLEATS
To 25 Mils of Concrete Class W
Reinforcement Steel To be of
#8 Deformed Bars.

Concrete Cleats to be
3rd into mud sills 6"

DETAILS OF SPECIAL INLET FOR
CULVERTS AT STA. 69+15 & 71+67



1170	1174	1180	1186	1197	1205	1210	1217	1225	1232	1241	1251	1261	1271	1280	1290	1302	1312	1326	1335-9	1351-9	1351
70	71	72	73	74	75	76	77	78	79	80											

7